generation capacity is not keeping pacs with demand growth; and

(c) if so, what are the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) to (c) The requisite information is as under:—

Year	Installed Capacity (MW)	Require-went (MU)	Avalabi-lity (MU)
1986-87	2529.80	14163	10350
1987-88	2529.80	15185	10556
1988-89	2529.80	16290	11911
1989-90	2645.20	18275	13967
1990-1991	2970.20	19590	15104

टिहरी बांध की निर्माण लागत में वृद्धि

915. **श्री रणजीत सिंह :**
श्री राम जेठमलानी :

क्या विद्युत और गैर-पारंपरिक ऊर्जा स्रोत मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि टिहरी बांध परियोजना की निर्माण लागत में वृद्धि होने की संभावना है, यदि हां, तो इस संबंध में नवीनतम अनुमान क्या है ;

(ख) क्या यह भी सच है कि सरकार ने नई अनुमानित लागत को स्वीकृति प्रदान कर दी है ; और

(ग) यदि हां, तो उसका ब्यौरा क्या है ?

विद्युत और गैर पारंपरिक ऊर्जा स्रोत मंत्रालय के राज्य मंत्री (श्री कल्पनाथ राय) : (क) टिहरी बांध जल विद्युत परियोजना (1000 मेगावाट) के लिए सार्वजनिक निदेश बोर्ड द्वारा दिसम्बर, 1991 के मूल्य स्तर पर 2618 करोड़ रुपए की लागत का अनुमोदन किए जाने की सिफारिश की गई है ।

(ख) जी, नहीं ।

(ग) प्रश्न नहीं उठता ।

Popularising solar oveas

916. SHRI TINDIVANAM G. VENKATRAMAN: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to slate:

(a) whether Government is popularising solar ovens;

(b) what steps has been taken to popularise the solar energy in the States, particularly in Tamil Nadu;

(c) whether Government have got any programme to give subsidy in the cost price of "Solar ovens"; and

(d) if not, what are the reasons thereof

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b)' Yes, Sir, to popularise the use of solar energy in the country including Tamil Nadu, the following is being done:

(i) Improvement in the Technology is being done by funding Research and Development Project to various Research Organisations including educational organisations.

(ii) Financial assistance in the form of subsidy is being given *to t*he users.

(iii) Soft loan is being given to industries manufacturing Solar Energy appliances and also industries using solar-energy for heating through Indian Renewable Energy Development Agency, a Government of India enterprise.

(iv) Fiscal concessions are being given to the manufacturers by means of exemption from duties and to users by means of higher depreciation.

(v) Mass awareness is being created through print as well as electronic media.

(vi) Workshops, seminars and training programmes are being organised to educate different categories of people.

(c) and (d) During 1991-92, a Central subsidy of Rs. 150/- for domestic solar cooker and Rs. 1050/- for community solar cooker is being provided. The programme is implemented through the State Nodal Agency, Tamil Nadu Energy Development Agency.

Acute power shortage in Kerala

917. SHRI M. A. BABY: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES bo pleased to slate:

(a) whether it is a fact that Kerala is faced with acute power shortage;

(b) if so, what are the details thereof; and

(c) what projects are envisaged or are under consideration in order *to* over come this problem?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) "and (b) During the period April-January, 1992. the energy requirement in Kerala was 6125 million units against which the availability was 5924 million units which represents a shortfall of 3.3 per cent.

(c) The Eighth Five Year Plan is yet *to* be finalised. The details of the sanctioned/on-going State Sector Schemes in Kerala are as under:—

	Name of the Scheme	Capacity
1	Kakkad Hydro Project	2x25 MW
2	Lower Periyar Hydro Project	3x60 MW
3	Muvathupuza Hydro Project	2x3.5 MW
4	Poringalkuthu L.B. Extension	1x16 MW

In addition the State will also get its due share from the Central Sector stations which would be set up in the Southern Region.

Pending Hydro electric projects

918. SHRI M. A. BABY: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that the various hydro-electric projects from different states are pending with Government for clearance;

(b) if so, the details thereof and what are the reasons for the delay in their clearance; and

(c) what steps are being taken by Government to clear these projects?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b) The details of the hydro electric projects referred to Central Electricity Authority and the Ministry of Environment & Forests for necessary clearances are given in the statement I and II *(see* below).